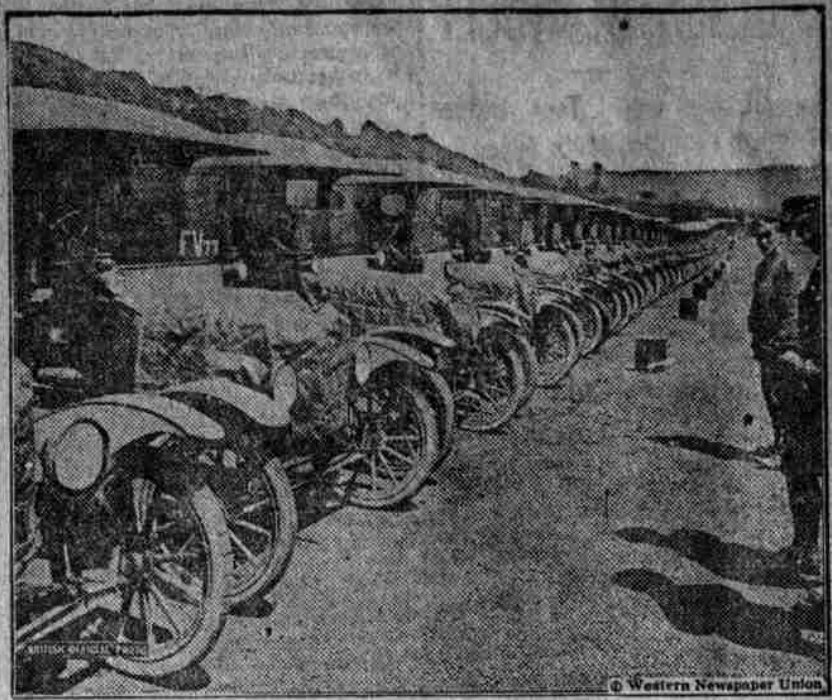


## BRITISH FLIVVER AMBULANCES HELD IN READINESS FOR HURRY CALL TO THE FRONT



A batch of American cars transformed into British ambulances is shown in this British official photograph somewhere in France lined up for emergency calls to the front-line trenches. The drivers are called out at all hours of the day and night to render first aid to the wounded Tommies. The cars make excellent speed in spite of the rough territory and other military vehicles encountered on the roads.

## SEE BACKFIRING AS AUTO DANGER

It Is Well to Be on Guard at All Times and Eliminate Cause of Trouble.

## PUT BLAME ON LEAN MIXTURE

Carburetor Gets Out of Adjustment in Some Way and Mischief Is Done—There May Be Some Electrical Troubles.

Backfiring in the carburetor is dangerous to the car, as it is likely to set the automobile on fire. Cars have been burned from that cause in the past and similar accidents are bound to happen again. It is well to be on guard and eliminate the cause of backfiring.

The most frequent cause is a lean mixture. This means more air in the mixture than usual. The carburetor gets out of adjustment in some way and the mischief is done. A lean mixture is slow burning. It burns during the power stroke, during the exhaust stroke, and is still burning when the inlet valve opens, admitting the fresh mixture. This takes fire and the flame runs back to the carburetor. If gasoline is dripping from the carburetor a heavy vapor is formed, extending under the engine, where it is held by the mud pan. The flame spreads under the engine and soon reaches the tank, melting the connections and releasing a flood of gasoline.

Causes of Lean Mixture. Lean mixture may be due to derangement of the carburetor or a leaky inlet manifold. Some of the causes may be the spray nozzle too far closed, auxiliary air valve spring too weak, or valve open, or a clogged fuel line. A leaky inlet manifold may be detected by running the engine and injecting oil around the points. Oil will be sucked in at the leak where the bolts must be tightened or a new gasket installed in place of the leaky one.

Troubles of the inlet valve are rare. The valve lifter may be out of adjustment, leaving no clearance, or actually pushing the valve off its seat. If there is little or no clearance the valve will hold compression when the engine is cold, but will leak when the engine warms up, due to lengthening of the valve stem, and, of course, popping in the carburetor occurs immediately. Set the clearance at about two thicknesses of newspaper. Occasionally this valve may become stuck so that it cannot close. This may be seen from the outside as there will be an unusually large space between the valve stem and lifter.

Electrical Troubles. There may be electrical troubles. With a single coil and distributor system, as used on the majority of cars, there would be some distributor trouble or a short circuit of the distributor wires. See that all wires are properly insulated and wipe all dust from the distributor head. If you know how to open the distributor you should wipe out the inside occasionally, using a cloth dipped in gasoline. This will remove all accumulations of dust, which will cause short circuit if allowed to remain.

KEEPING SPARK PLUGS CLEAN Many Car Owners Do Not Realize Importance of Preventing Accumulation of Mineral Dirt.

Many car owners do not realize the importance of keeping the spark plugs clean. The points of the plug seldom need cleaning, but grease and mineral dirt do accumulate on the exterior and interior of the porcelain, so that the current passes that way instead of jumping the gap, as is intended. The plugs should be kept clean or ignition troubles will result.

Radiator Compounds. Radiator compounds are excellent to have for use when a leak develops along the way. They should be used only temporarily and as sparingly as possible. As soon as possible have the leak soldered by a competent repairman.

## RUST IS AN ENEMY TO TIRES

Rims Should Be Carefully Cleaned With Emery and Japanned to Prevent Deterioration.

It will pay the motorist to inspect occasionally the condition of the rims on the wheels of his car, especially if the outer surfaces of the casings near the beads look rusty.

This discoloration is rust caused by rusted rims, and rust if not arrested will gradually eat through the rubber, attacking the canvas of the tire. In time the edges of the rusted rims will become more and more uneven, tearing and eventually destroying the beads. Furthermore, rust works in between the beads and the rims, leaving space for water, which also damages the rubber.

To remove rust from a rim, the tire should be taken off and the rusty parts rubbed clean with coarse emery paper. Then smooth the surface with finer emery paper and re-japan the rim, applying one coat to the outside and two to the inside, making sure first that the surface is smooth and free from rust.

## MAKING GOOD "RUST JOINT"

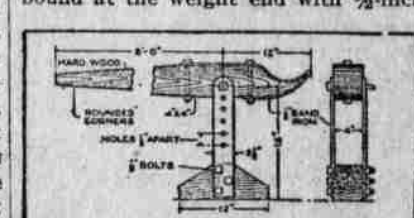
Directions Given for Making Reasonably Satisfactory Job Where Welding Is Not Possible.

It is possible to make a fairly satisfactory repair of a cracked water jacket or of a fault in a casting, by what is known as a "rust joint." To perform this operation take ten parts of fine iron filings, one part of sal ammoniac, and a half part of flowers of sulphur; mix all these ingredients into paste with water and apply to the fracture, allowing the compound to become hard. Of course the ideal repair for this sort of thing is welding, but this operation is not always possible and the above makes a reasonably satisfactory temporary repair.

## USEFUL QUICK-ACTION JACK

Plan Outlined for Construction of Satisfactory Device for Working in a Garage.

For garage work a satisfactory quick-action jack may be made as shown, says Popular Mechanics. For the lever a nine-foot piece of 4 by 4 inch hard wood, shaped as shown and bound at the weight end with 1/2-inch



This Automobile Jack Gives Quick Action and Is Adjustable. Eight-foot Leverage Supplies Great Power.

band iron, is used. The standard is built with a 4 by 12 inch base. Iron uprights, 2 1/2 inches wide, are secured by three bolts and provided with holes one-half inch apart, to permit adjustments. Fifteen inches should be the distance from the bottom of the base to the center line of the fulcrum when the lever is held in the top hole.

Pig Club Membership Increases. One hundred thousand boys and girls are now members of pig clubs. This is more than twice the number enrolled last year, when 45,000 members produced approximately 10,000,000 pounds of dressed pork. These boys and girls are raising pigs under the supervision of local pig club leaders who are co-operating with the state colleges and the United States department of agriculture.

## TO ELIMINATE BONUS SYSTEM

Fuel Administrator Garfield Announces His Position in the Matter.

## CHARACTERIZED AS AN EVIL

At the Same Time He Is of Opinion That Its Abolition Does Not Justify an Increase of Wages to Coal Miners.

Having refused to approve the demands of the coal miners of the country for increased wages as a substitute for the bonuses now being paid by many operators, the fuel administrator took steps toward stopping the bonus system. Whether the efforts to force abandonment of the payment of bonuses will take the form of a reduction in coal prices at the mines, as was done by the fuel administration in an order for a reduction of mouth-of-mine prices in Ohio was uncertain.

Upon hearing the request of the coal miners presented by President Frank J. Hayes and many other officials of the United Mine Workers of America, Fuel Administrator Garfield said that he would not approve an increase in wages in lieu of the payment of bonuses.

Mr. Garfield characterized the bonus system as an evil and as such he said its elimination did not justify an increase in wages to miners. The question of a wage increase, he said, was a difficult matter and he intimated that the question might be considered if the investigation now being made in various lines of industry showed that coal miners were not getting a living wage.

## GENERAL LABOR NOTES

The average rate of pay paid women time workers in England is \$6.08 per week.

There are 17,000 women employed in the Paris offices of the French war department.

Wages paid in Germany in the leather and rubber industries average about \$1.20 a day.

Congressman Mayer of New York is a member of the United Hatters' union of North America.

The production of copper in the United States has increased more than 25-fold since 1880.

The Argentine Federation of Labor controls 250 labor unions and railroad and maritime laborers.

At the present time there are 45 state branches affiliated with the American Federation of Labor.

Several women in the state of Washington are working as station agents on the various railroads in that state.

The London and Northwestern railway of England has offered spare land by the side of its line for food plots.

The pay of the school teachers under control of the London (England) county council will be almost \$2,000,000 more during the coming year.

Joseph Malachuk, a Unionsontown (Pa.) coal miner, walks two miles to and from his work every day, yet during the month of July he was able to make \$300.

Winnipeg (Canada) was practically without a fire department recently, 100 firemen having struck because the council refused the demands of the electricians and waterworks men.

Kenosha is the only city in Wisconsin where women are employed on street cars. A large percentage of these women are married and are doing household work in addition to their work as conductors.

Owing largely to big back payments of wage increases, the railroads under federal control in June reached an aggregate deficit of \$58,959,000 in railway operating income as compared with positive earnings of \$98,909,000 in June, 1917.

At a meeting representatives of the four thousand conductors and motormen of the Third Avenue (New York) railroad system voted to "suspend work" until the company was willing to recognize their right to organize. The question of pay was not considered.

Following the breaking off of negotiations between representatives of the Pacific Coast Steel company and 1,000 employees engaged on contracts for the Emergency Fleet corporation, a strike was declared. The workers demand pay and working conditions similar to those in effect in the shipyards.

London (Eng.) Omnibus drivers, who were on strike eight days, decided to return to work. A conference lasting nearly five hours was held and the parties to the dispute reached an approximate settlement on the basis of equal pay for men and women workers and no discrimination of any kind between them.

The British ministry of munitions ordered that the wages of woman munition workers be increased five shillings weekly after September 1. Girls under eighteen in munition plants will receive an increase of half a crown.

Wage increases to all workers now receiving less than 75 cents an hour in 96 plants in the munition and related industries of Bridgeport, Conn., are provided in an award of Otto M. Edlitz, umpire chosen by the national war labor board to decide controversies between the companies and their employees. About 50,000 workers are affected.

## URGES UNITY OF WORKERS

Britain's Labor Day Message to America Points Out the Way for Satisfactory World Peace.

"If British and American labor pull together with their whole strength allied victory will be hastened and a satisfactory world peace be won."

This is the Labor day message sent to America by George H. Roberts, British minister of labor, and one of the foremost labor leaders in Europe. Mr. Roberts paid a tribute to the forcible "win the war" stand by Samuel Gompers, president of the American Federation of Labor, at the same time making it clear that the British pacifists who claim to represent British labor are simply selfish opportunists who have arrogated to themselves the function of misrepresenting the bulk of English workmen.

The Gompers party confronts a situation in the British labor world which on its face appears to be a delicate one. Spokesmen for British workmen are sharply divided on the question of peace terms, and particularly on the question which has arisen at times in the last year as to whether British labor representatives should meet representatives of the German majority socialists at some neutral capital to discuss war questions. There is no doubt that a large majority of British workmen are with the Americans on the main issues.

## MINOR LABOR NOTES

Mayo county (Ireland) council clerks have been on a strike for a war bonus of \$1.25 a week.

Among the possibilities of the future is the employment of women as railway mail clerks.

The Railway Mail association is composed of 120 locals and has total membership of 13,011.

San Francisco post office inspector's department has its first woman clerk in its 40 years of existence.

Queen Elena of Italy has given several thousand dollars of her personal funds to help women workers in Italy.

Derbyshire (England) Miners' association has invested \$200,000 with Rotherham corporation and \$9,000 in war loan.

The minimum wage of women in mercantile establishments in Oregon is \$11.10 per week of not more than fifty hours.

Power has been given to the agricultural boards of Ireland to take possession of unoccupied lands and lands not properly cultivated.

The Yorkshire (Eng.) coal strike came to an end, it was announced, when the employers granted the demands of the miners, who returned to work.

Officials of the department of labor complain that private contractors are refusing to co-operate with the government in its plan of securing and distributing labor and as a consequence are disorganizing the labor market.

The Topeka (Kan.) Railway company reached an agreement with its organized motormen and conductors. Old rates of 21 to 26 cents an hour during an eight-hour period have been changed to a 26-cent minimum and a 31-cent maximum during a four-year wage.

Wage increases for the 4,000 office employees of the Schenectady (N. Y.) plant of the General Electric company were announced by company officials, to become effective at a date to be announced. Besides the 10 per cent bonus, which is to be considered as wages, an additional 10 per cent will be paid.

Employees of the Northwest Steel company, one of the large steel shipbuilding plants at Portland, Ore., have adopted two Belgian orphans. The shipbuilders, of whom there are about four thousand in the plant, will contribute weekly from their wages for the care, support and education of the two children.

Four Sydney (Nova Scotia) collieries, with a daily output of 2,000 tons, are idle as the result of a strike of miners precipitated by the withdrawal of four of their fellow workers from the Amalgamated Mine Workers. The men resigned because they had been promoted to official positions.

A recent semi-monthly pay at Indiana coal mines was the largest in the history of the industry in the state, upward of \$1,500,000. It was for the coal mined in the half month ending August 10, the pay always being what the miners call "a drag" of half a month. There are 27,000 men in the 200 mines, but 20,000 of them are in one-fourth of the 200.

All one-time employees of the Western Union Telegraph company who were discharged because of their affiliations with the Commercial Telegraphers' Union of America during the recent difficulties between the company and the union before the company was taken over by the government will have the privilege of reinstatement, it was announced by the company.

Women employed in the munitions factories of Great Britain are compelled to wear khaki uniform.

Speakers from all sections of Wisconsin will participate in the program of the International Association of Industrial Accident Boards to be held in Madison September 24-28. Meetings will be held in the assembly chamber. Upward of 300 delegates representing the different accident boards in the United States and Canada will attend the convention. Fred M. Wilcox of the Wisconsin industrial commission is president of the association.

## Suffered For Years

Back and Kidneys Were in Bad Shape, But Doan's Removed all the Trouble.

"My kidneys were so weak that the least cold I caught would affect them and start my back aching until I could hardly endure the misery," says Mrs. D. C. Ross, 973 Fulton St., Brooklyn, N. Y. "In the morning when I first got up, my back was so lame, I could hardly bend over and any move sent darts of pain through my kidneys. It was hard for me to walk up stairs or stoop, and to move while lying down sent darts of pain through me."

"The kidney secret. MRS. ROSS's kidneys were so weak and distressing and the water remained in my system, making my feet and hands swell. There were dark circles under my eyes and I became so dizzy I could hardly see. I had rheumatic pains in my knees and it was all I could do to get around. For years I was in that shape and I wore plasters and used all kinds of medicine to no avail until I tried Doan's Kidney Pills. They rid me of the trouble and strengthened my back and kidneys. When I have taken Doan's since, they have always benefited me."

Sworn to before me. L. N. VAUGHAN, Notary Public.

Get Doan's at Any Store, Old or New. DOAN'S KIDNEY PILLS. FOSTER-MILBURN CO., BUFFALO, N. Y.

## The Upper Atmosphere.

An agitated neighbor and just informed Mrs. Warren that her son was at the top of a telegraph pole in the vicinity. When the boy had been coaxed back to earth again, his mother remonstrated.

"Tad, I've told you how dangerous that is; now why will you persist in climbing those poles?"

"But, ma," exclaimed the boy in an aggrieved tone, "I have to have some fresh air."—Christian Herald.

## Catarhal Deafness Cannot Be Cured

by local applications as they cannot reach the diseased portion of the ear. There is only one way to cure Catarhal Deafness, and that is by a constitutional remedy. HALL'S CATARRH MEDICINE acts through the Blood on the Mucous Surfaces of the System. Catarhal Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, Deafness is the result. Unless the inflammation can be reduced and this tube restored to its normal condition, hearing may be destroyed forever. Many cases of Deafness are caused by Catarrh, which is an inflamed condition of the Mucous Surfaces. ONE HUNDRED DOLLARS for any case of Catarrhal Deafness that cannot be cured by HALL'S CATARRH MEDICINE.

All Druggists 75c. Circulars free. E. J. Cheney & Co., Toledo, Ohio.

## Turning of the Worm.

Friend Wife—Henry, drop that garden work for a while. I want you to come in and lace up my shoes.

Mr. Pewee—I'd love to do it, my dear. But I'm afraid if the provost marshal general should happen along and find me working as a lady's valet he'd put me in the army.

Constipation generally indicates disordered stomach, liver and bowels. Wright's Indian Vegetable Pills restore regularity without straining. Ady.

## Where She Likes Them.

Redd—Well, say, her teeth are like pearls, aren't they?

Greene—Well, you ought to see how pleased she is when she finds 'em in oysters.

The man who is really good often has a sad look that is discouraging.

A wise man knows all he tells, but he never tells all he knows.

## BITES—STINGS

Wash the parts with warm, salt water—then apply—

Keep a Little Body Guard in Your Home

VICK'S VAPORUB

NEW PRICES 30¢—60¢—\$1.20

## Dr. Kellogg's Asthma Remedy

for the prompt relief of Asthma and Hay Fever. Ask your druggist for it. 25 cents and one dollar. Write for FREE SAMPLE.

Northrop & Lyman Co., Inc., Buffalo, N. Y.

## Every Woman Wants

Partine

ANTISEPTIC POWDER

FOR PERSONAL HYGIENE

Dissolved in water for douches stops pelvic catarrh, ulceration and inflammation. Recommended by Lydia E. Pinkham Med. Co. for ten years.

A healing wonder for nasal catarrh, sore throat and sore eyes. Economical. Has extraordinary cleansing and germicidal power. Sample Free. 50c. all druggists, or postpaid by mail. The Paxton Toilet Company, Boston, Mass.

## Skin Tortured

Babies Sleep

After Cuticura

All druggists. Soap 25c. Ointment 25c. and 50c. Sample each free of "Cuticura," Dept. 3, Boston.

## PARKER'S HAIR BALM

A toilet preparation of merit. Tonic for the hair. Restores Color and Beauty to Gray or Faded Hair. 50c. and \$1.00 at Druggists.